

Baryon spectra and (transition) form factors from functional methods

Thursday, 20 October 2022 11:15 (35 minutes)

In this talk we will give a general overview on recent results from several groups on the spectrum and properties of light baryons as obtained in the framework of Dyson-Schwinger and Bethe-Salpeter equations.

We will discuss the spectrum of light baryons with focus on the comparison with quark model expectations and explain the importance of relativistic components in the wave functions of baryons. We will also discuss spacelike (transition) form factors with special emphasis on (missing) meson cloud effects and highlight possibilities to generalize into the timelike momentum domain.

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